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Subject Bibliographies
In Periodicals

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A PARTIAL LIST OF SUBJECT BIBLIOGRAPHIES

APPEARING REGULARLY IN PERIODICALS

BY

MARY JOSEPHINE BOOTH

THESIS FOR DEGREE OF BACHELOR OF LIBRARY SCIENCE

IN THE STATE LIBRARY SCHOOL

OF THE

UNIVERSITY OF ILLINOIS

PRESENTED JUNE 1904

1904
B64

UNIVERSITY OF ILLINOIS

28 May 1904

THIS IS TO CERTIFY THAT THE THESIS PREPARED UNDER MY SUPERVISION BY

Mary Josephine Booth

ENTITLED Partial list of subject bibliographies appearing regularly in periodicals

IS APPROVED BY ME AS FULFILLING THIS PART OF THE REQUIREMENTS FOR THE DEGREE

OF Bachelor of Library Science

Katharine L. Sharp

HEAD OF DEPARTMENT OF Library science

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INTRODUCTION.

The numerous bibliographies appearing regularly in periodicals have considerable value in reference work, but have never, so far as is known, been brought together in one list. Some of the more important of these bibliographies can be found in the John Crerar catalog and in the list of bibliographies of special subjects published by that library in 1900. The Library journal, in its department Bibliography, notices some of the more important bibliographies, particularly those appearing annually. The Annual literary index also mentions several of the more noteworthy. No one of these publications gives even a fairly complete list of current bibliographies and by combining the information given in all, a complete list can not be obtained.

This list has been prepared for the purpose of aiding reference librarians both in stating what publications have bibliographies appearing regularly and in giving the scope of these lists and their value in supplementing Poole and the Readers' guide to periodical literature.

To carry out this purpose the scope of this list has been limited as follows:

1. Only such lists as appear once a month or less frequently have been included in the main part. This decision was made because bibliographies which appear more frequently have little practical value in reference work as it takes too much time to look through the numbers. Accordingly several important bibliographies as Zoologischer anzeiger and Centralblatt für bakteriologie were ruled out. The magazines containing bibliographies which appear more frequently than once a month have been added in the supplementary list.

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2. Only those lists which index periodical publications, Bulletins, reprints, books and Annual reports have been admitted. According to this decision lists giving books only have been omitted, as this information can be obtained in other places.

The term periodical has been understood to mean any publication appearing once a year or oftener.

In examining each bibliography an attempt has been made to determine whether Society publications have been indexed; if this has been done the fact is noted. The comparison of the magazines indexed in the bibliography with those in Poole and in the Readers' guide is given in very general terms, simply attempting to discover whether all the periodicals included in the bibliography are indexed in Poole and in the Readers' guide. A careful comparison would necessitate the compilation of a list of the magazines indexed in the bibliography not included in Poole. It is thought that such a comparison can have little practical value.

The list is arranged by subject with an alphabetical index. When a bibliography covers more than one subject it has been classified under the most important and cross reference made to the others. In the subject list the magazines annotated are numbered consecutively and reference is made to this number both in the alphabetical index and in the cross references.

The date when the bibliography started is given but not the date when the magazine began publication.

The list, for the most part, is confined to the files of magazines in the University of Illinois library but some magazines from the Library of the State laboratory of natural history and from the John Crerar library are included.

ALPHABETICAL INDEX.

American anthropologist. (4)

American chemical society. Journal. (15)

American foundrymen's association. Journal. (36)

American geographical society. Bulletin. (47)

American geologist. (42)

American institute of architects. Quarterly bulletin. (6)

American journal of archaeology. (5)

American society of civil engineers. Proceedings. (29)

Analyst. (16)

Annalem der physik. Beiblätter. (62)

Annales de géographie. (40)

(L')année biologique. (11)

(L')année psychologique. (70)

Archiv für das studium der neueren sprachen und litteraturen. (58)

Archiv für eisenbahnwesen. (73)

Archiv für naturgeschichte. (74)

Auk. (56)

Biblical world. (78)

Bird lore. (57)

British astronomical association. Journal. (8)

British trade journal. (20)

Bulletin astronomique. (9)

Bulletin of the American geographical society, see American geographical society. Bulletin. (47)

Bulletin of the Torrey botanical club, see Torrey botanical club. Bulletin. (13)

Chemical society (London). Journal. (17)

Classical review. (59)

Economic journal. (22)

Educational review. (25)

Electrical age. (33)

Electrochemical industry. (34)

Electro-chemist and metallurgist. (35)

Engineering magazine. (30)

English historical review. (45)

Experiment station record, see U.S.-Experiment stations, Office of. Experiment station record. (2)

Feilden's magazine. (31)

Finanz-archiv. (38)

Gazette des beaux-arts. (7)

Geographical journal. (41), (48)

Harvard law review. (46)

Hedwigia. Beiblatt. (12)

Index medicus. (50)

Institution of civil engineers (London). Proceedings. (32)

Jahrbuch über die fortschritte der mathematik. (49)

Jahrbücher für nationalökonomie und statistik. (23)

Jahresbericht über die fortschritte auf dem gesamtgebiete der agricultur-chemie. (1)

Jahresbericht über die fortschritte der physiologie. (65)

Jahresbericht über die fortschritte der tier-chemie. (66)

Jahresbericht über die fortschritte...von den pathogen mikroorganism. (75)

Journal de physiologie et de pathologie général. (67)

Journal of American folk-lore. (37)

Journal of anatomy and physiology. (3)

Journal of applied microscopy. (52)

Journal of geography. (21)

Journal of geology. (43)

Journal of mycology. (39)

Journal of physical chemistry. (18)

Journal of the American chemical society, see American chemical society. Journal. (15)

Journal of the American foundrymen's association, see American foundrymen's association. Journal. (36)

Journal of the British astronomical association, see British astronomical association. Journal. (8)

Journal of the chemical society (London), see Chemical society (London). Journal. (17)

Journal of the royal microscopical society, see Royal microscopical society. Journal. (80)

Journal of the royal statistical society, see Royal statistical society. Journal. (76)

Library journal. (10)

Mind. (61)

Mineralogical magazine. (54)

Municipal affairs. (68)

Municipal engineering. (69)

Pedagogical seminary. (26)

Philosophical review. (60)

Proceedings of the American society of civil engineers, see American society of civil engineers. Proceedings. (29)

Psychological review. (71)

Quarterly journal of economics. (24)

Repertorium der technischen journal-litteratur. (79)

Revue pédagogique. (27)

Royal microscopical society. Journal. (80)

Royal statistical society. Journal. (76)

Schmidt's jahrbücher der in- und auslandischen gesammten medicin. (51)

School of mines. Quarterly. (55)

School review. (28)

Science abstracts. (63)

Torrey botanical club. Bulletin. (13)

U.S.-Experiment stations,Office of. Experiment station record. (2)

U.S.-Geological survey. Bulletin. (44)

U.S.-Labor,Bureau of. Bulletin. (77)

Zeitschrift für analytische chemie. (19)

Zeitschrift für instrumentenkunde. (64)

Zeitschrift für pflanzenkrankheiten. (14)

Zeitschrift für psychologie und physiologie der sinnesorgane. (72)

Zeitschrift für wissenschaftliche mikroscopie... (53)

Zoological record. (81)

Zoologischer jahresbericht. (82)

AGRICULTURAL CHEMISTRY.

Jahresbericht über die fortschritte auf dem gesamtgebiete der agrikultur-chemie, annual. 1860-date. (1)

This bibliography is divided into large subjects with frequent subdivisions. One person is responsible for each important division. At the beginning there is a table of contents showing the scheme of classification. In the bibliography the title and author are printed in heavy type with no alphabetical arrangement. Superior figures at the end of the author's name refer to the bottom of the page where the name of the magazine,year,volume and inclusive paging are given. French,German,English and American magazines,Proceedings of societies and books are indexed. The annotations are long and descriptive.

Litteratur is sometimes given. This list is arranged alphabetically by subject. Year,volume and page of the magazine are given. No annotations are made.

At the end there is an author index referring to pages. Very few of the magazines are indexed in Poole or in the Reader's guide.

Agricultural chemistry, see also (15).

AGRICULTURE.

U.S.-Experiment stations, Office of. Experiment station record, monthly. (2)

Recent work in agricultural science, monthly. Sept.1889-date.

In this list are indexed Experiment station bulletins, both of the United States and Canada (since 1890) and certain publications of the United States Department of agriculture, e.g. Bureau of chemistry, Bureau of animal husbandry. Articles in French, German, Italian, English and American magazines and Proceedings of societies are included. Early numbers contained only abstracts of the Bulletins of the experiment stations. "Its scope has been from time to time enlarged, so that at the present (1900) it comprises abstracts of the Bulletins and Annual reports of our stations, Publications of the United States Department of agriculture, books, journals and miscellaneous publications containing reports of investigations in agricultural science in different countries of the world." U.S.-Experiment stations, Office of. The agricultural experiment stations of the U.S. by A.C.True and V.A.Clark. p.101.

At the beginning of each volume there is a list of the publications from which abstracts have been made. The literature is arranged under small subjects as Field crops, Forestry, Diseases of plants etc., not alphabeted. The same classification, for the most part, is used in the different volumes. The reference is made to volume, year, number of the magazine and inclusive paging. The annotations vary in length from a few lines to a page or more.

In each number there is a table of contents but no index. At the end of the volume there is a minute subject index and a separate author list. Many publications not indexed in Poole or in the Read-

ers' guide are included.

ANALYSIS, see (16).

ANATOMY.

Journal of anatomy and physiology, quarterly. (3)

Recent teratological literature, annual. 1890-date.

The literature of this subject is divided into large classes. The contents of the article are described first and reference to the magazine containing the article is made by consecutive numbers. This arrangement groups all the references at the end. The date of the magazine is given exactly,using day,month and year,with occasionally the volume number. French,German,English and American periodicals are indexed. Reference is made to Proceedings of societies. Few of the magazines appear either in Poole or in the Readers' guide. The list does not appear regularly in the same number of the magazine.

Anatomy, see also (65),(66),(67).

ANTHROPOLOGY.

American anthropologist, quarterly. (4)

Periodical literature, quarterly. 1889-date.

The list is compiled by Dr. Alexander F. Chamberlain. The entries are arranged under country names,not alphabeted;i.e.,all articles on Europe are entered under Europe. The sub-arrangement is alphabetical by author. Reference is made to magazine,place of publication,year,volume and inclusive paging. There are descriptive and

critical notes. All articles on this subject wherever found are indexed. The list includes German,English,French,Italian and American magazines and Proceedings of societies. If a bibliography occurs in an article,it is mentioned,as are also illustrations. There is no monthly or annual index. Many of the magazines in the English language are not indexed in Poole or in the Readers' guide.

ARCHAEOLOGY.

American journal of archaeology, quarterly. (5)

Archaeological news;notes on recent excavations and discoveries; other news, quarterly. 1885-date.

The bibliography is divided into several divisions as Oriental, classical and Christian archaeology,Byzantine,mediaeval and renaissance art. The arrangement is by country;the sub-arrangement is alphabetical by names of towns. The author's name usually appears after the title,but is sometimes included in the abstract. Italian,French,German,English and American magazines are indexed, besides Society publications and books. The references are not always exact as the paging is usually omitted. The annotations vary in length from a few lines to half a page. There is neither a monthly nor an annual index to the bibliography. The periodicals indexed, with one or two exceptions,are not included in Poole or in the Readers' guide.

ARCHITECTURE.

American institute of architects. Quarterly bulletin, quarterly. (6)

Index of literature from the publications of architectural societies and periodicals on architecture and allied subjects which are sent in exchange to the institute, quarterly. Apr.1900-date.

The bibliography is divided alphabetically by small subject,with no sub-arrangement. French,Italian,German,English and American magazines relating to architecture are indexed,and articles on architectural subjects from engineering periodicals are included,as well as a limited number of Society publications. For each entry the volume,number of magazine and date are given. The length of the article and illustrations are indicated. There are no annotations. Many magazines not in Poole or in the Readers' guide are included. The Avery architectural library of Columbia university uses this index and considers it excellent. L.j. June 1903,28:285.

ARTS,FINE.

Gazette des beaux-arts, monthly. (7)

Bibliographie des ouvrages publiés en France et a l'étranger sur les beaux-arts et la curiosité, semi-annual,Jan. and June. 1859-date.

This bibliography is divided into eleven classes,with entry under author's name. In the first ten classes only books are entered. The last class,called Publications periodiques,contains no periodicals as its name would indicate,but short pamphlets. The publications entered include works published both in France and abroad. There are no critical annotations,but the language in which the pamphlet

is printed is indicated.

Arts,fine, see also (5).

ASTRONOMY.

British astronomical association. Journal, monthly. (8)
Astronomical publications, monthly. Oct.1890-date.

The articles are entered under the title of the article with no alphabetical arrangemant. The author is given and the date of the magazine,but not the paging or volume number. The annotations vary greatly in length. Besides magazine articles Bulletins of observatories are indexed. A number of the magazines are indexed in Poole. Society publications are also included. No index,either annual or monthly,is provided.

Bulletin astronomique, monthly. (9)
Revue des publications astronomiques, monthly. 1884-date.

The articles in this list are indexed under the name of the periodical. Exact reference is not given. Often a short annotation is added. German magazines and Bulletins of universities are indexed but no Society publications. There are occasionally numbers in which the Revue does not appear. Most of the material is not found in Poole.

BACTERIOLOGY, see (52),(53),(75).

BIBLIOGRAPHY.

Library journal, monthly. (10)

Bibliography, monthly. Sept. 1876-date.

This list is arranged alphabetically by the subject of the bibliography. Bibliographies appearing in books, Bulletins, Society publications and periodicals are noted. Analytics are made in almost every case. Critical and descriptive annotations add to the value of the list. References, in the case of magazines, give month, year, volume and inclusive paging. At the end of the volume there is an index both by author and by subject of the references in this list. Many of the magazines are indexed both in Poole and in the Readers' guide, but bibliographies in magazine articles are not indicated in either of the indexes mentioned above.

BIOLOGY.

(L')année biologique, annual. 1895-date. (11)

This bibliography is divided into twenty classes, with sub-divisions. Under the sub-divisions, the entries are alphabeted by author's name. For each division or sub-division, there is, first, a bibliography; second, the annotations for the articles listed in this bibliography. For the most part, the annotations are long. The reference is to the volume, inclusive paging and year of the magazine. The list of periodicals regularly indexed is long, including French, German, Italian, English and American magazines; many obscure periodicals are included. Bulletins, Proceedings of learned societies and many Reports are also indexed. At the end there is a minute subject and author index. There is little duplication with Poole.

BIOLOGICAL CHEMISTRY, see (15).

BIRDS, see (56),(57).

BOTANY.

Hedwigia, irregular. (12)

Beiblatt, irregular. 1890 (1st volume in library) -date.

The Beiblatt is divided into three parts. The Referate und kritische besprechungen and Neue literatur only will be considered here.

Referate und kritische besprechungen. There is no arrangement, either alphabetical or classed. The author's name is in heavy type, followed by title,volume,year and inclusive paging. If there are plates or tables in the article,the fact is indicated. Proceedings of societies,reprints and books are included. German,French,Italian,Austrian,English and American periodicals are indexed. The annotations vary in length from a few lines to half a page.

Neue literatur. This list is arranged by classes,not alphabeted; the sub-arrangement is alphabetical by authors' names. Reference is made to volume,year and inclusive paging. Reports,Proceedings and Transactions of societies are included,as well as books. French,German,Austrian,Italian,English and American periodicals are indexed. No annotations are made. There is no annual cumulation.

Scientific magazines,for the most part,are indexed in the Beiblatt and consequently there is little duplication with Poole. There is no annual index for the magazine. On rare occasions the whole Beiblatt is omitted entirely.

Torrey botanical club. Bulletin, monthly. (13)

Index to recent literature relating to American botany, monthly. 1886-date.

This index is arranged alphabetically by authors. The author's name is in heavy type, followed by the title, name of magazine, volume, inclusive paging and year. A very short descriptive annotation follows. Pamphlets, United States agricultural bulletins, Experiment station bulletins, Transactions and Proceedings of societies, dissertations and magazine articles are included. Articles relating to American botany, wherever found, are indexed, but necessarily there are more American than foreign periodicals included. There is no annual index. This bibliography does not duplicate Poole or the Readers' guide to any extent.

Zeitschrift fur pflanzenkrankheiten, irregular. (14)

Referate, irregular. 1891-date.

This index includes French, English, German, Austrian and American magazines, as well as Transactions of societies. There is no alphabetical arrangement. The entry is under author's name. Volume and page are given and occasionally the year. The annotations are signed. The index to the volume does not include the entries of the bibliography. The list of magazines indexed is not included in Poole.

Botany, see also (39), (52), (53), (80).

CHEMISTRY.

American chemical society. Journal, monthly. (15)

Review of American chemical research, monthly. 1897-date.

The literature on this subject is arranged by classes;e.g.physical chemistry,inorganic chemistry,mineralogical and geological chemistry,metallurgical,organic,biological,agricultural and industrial chemistry and patents. Each division has one or more men appointed to review some particular part of the literature of the subject. In this list are indexed State geological surveys,Proceedings,Reports and Transactions of societies,United States publications,magazines and Experiment station bulletins. An unusually large number of Proceedings of societies is included. The annotations are fairly long and are signed. The title is given in heavy-faced type but in no alphabetical arrangement. The author's name is frequently omitted. The reference is to volume and inclusive paging. All the magazines,etc.,are in the English language. Few are indexed in Poole. The annual subject and author index includes the items of the bibliography.

Analyst, monthly. (16)

Abstracts of papers published in other journals, monthly. 1891-date.

This list is divided by subject,with no alphabetic arrangement under the divisions. The title and author are printed in heavy type. The name of the magazine,year,volume and inclusive paging are given. The annotations are of varying length and are signed with the initials of the reviewer. The Bulletins of the Department

of agriculture, together with French, English, German and American magazines are indexed. No Proceedings of societies are included. For each number there is a table of contents, including the abstracts, but no annual index. In this, as in the other bibliographies on this subject, there is no duplication of Poole or of the Readers' guide.

Chemical society (London). Journal, monthly. (17)
Abstracts of chemical papers, monthly. 1871-date.

Very large divisions of the subject of chemistry, as Organic chemistry and Inorganic chemistry form the basis of the classafication of this list. Under the divisions there is no attempt at alphabetical arrangement. German, French, American, English and Italian magazines are indexed, together with Proceedings of societies. The year, volume and inclusive paging are given for each magazine article indexed. The annotations vary in length from a dozen lines to one and a half pages. They are signed with the initials of the reviewer. The bibliography seems very full and accurate. At the end of the year there is a separate index for the abstracts with cross references referring to the abstracts of previous years. There is no duplication with Poole.

Journal of physical chemistry, monthly. (18)
Reviews, monthly. 1896-date.

"The object of this department of the Journal is to issue, as promptly as possible, critical digests of all journal articles that bear upon any phase of physical chemistry." The list is divided by small subject with no alphabetical arrangement. The title is printed in heavy-faced type. The author, magazine, volume and page, with

year of publication are given. The short annotations are signed with the initials of the reviewer. German, English and American magazines and Transactions of societies are indexed. The number of journals indexed is not large. There are two annual indexes, a name index and a subject index. There is little duplication with Poole.

Zeitschrift für analytische chemie, monthly. (19)

Bericht, monthly. 1862-date.

The literature indexed is divided into large subjects with subdivisions. The majority of the magazines indexed are German but French, English and American periodicals are also included. The title is printed in black-faced type. The name of the magazine is given in a foot-note with the volume and page. The annotations are very long and are often illustrated. For each number there is a table of contents, including the items of the bibliography. There are two indexes, an author and a subject for each volume, both of which include the items of the bibliography. There is no duplication with Poole.

Chemistry, see also (1), (66).

COMMERCE.

British trade journal, monthly. (20)

Commercial reports by British and foreign consuls, monthly. 1902 (1st volume in library)-date.

The list is arranged by subject alphabetically under the names of different articles of export and of manufacture. It is made up of

"extracts from reports in foreign languages translated expressly" for this journal. The name of the country stands first, then an abstract from the report, sometimes giving its title and sometimes the name of the consul reporting. No date or paging is given.

Journal of geography, monthly. (21)

Current articles on commerce and industry, monthly. Apr.1902-date.

This list is alphabetical by catch-word of title. Reference is made to name and date of magazine, but no paging is given. It indexes consular reports and many magazines not included in Poole or in the Readers' guide.

ECONOMICS.

Economic journal, quarterly. (22)

Recent periodicals and new books, quarterly. 1891-date.

Under the name of the magazine are entered articles on economics which have appeared during the quarter, English, American, French, German and Italian periodicals are included. There are no Society publications in the list. The date of the magazine is given with no reference to number or page. Some of the articles are annotated. There is no monthly or annual index. Many of the English and American magazines indexed are included in Poole but not in the Readers' guide.

Jahrbücher für nationalökonomie und statistik, monthly. (23)

(Die) periodische des Auslands,

(Die) periodische presse Deutschlands, monthly. 1863-date.

The entries in these lists are made under the name of the magazine. The entries are not alphabeted,but the periodicals are placed in alphabetical order. Only journals dealing with economics in France, England,America,Italy and Germany are indexed. Society publications are not included. There are no annotations. The annual index does not include the articles included in the bibliography. From month to month the magazines indexed vary slightly. A few of the English and American magazines indexed are included in Poole but not in the Readers' guide.

Quarterly journal of economics, quarterly. (24)

Recent publications upon economics, quarterly. 1886-date.

The literature of economics is classed in this list under thirteen heads,e.g.,Finance,Statistics,Biography and description,History,Land,etc. Under these heads the books are first placed,arranged alphabetically by authors;then the periodical articles also arranged alphabetically by authors. French,Italian,German,English, and American magazines are indexed as well as some government publications. No Society publications are included. Analytics of books are made for this bibliography. Articles on economics,wherever found are entered. Reference is made to the month of publication only. There are many very short annotations,both descriptive and critical,often only a single word in length. Some of the magazines are indexed in Poole,but on the whole there is little duplication.

Economics, see also (76).

EDUCATION.

Educational review, monthly except July and Aug. (25)

Bibliography of education, annual. Apr.1900-date.

This bibliography is compiled by J.I.Wyer,jr.,Librarian of the University of Nebraska,and Isabel Ely Lord,Librarian of Pratt institute Free library. The number appears in April or June and indexes the literature of the subject for the preceding year. The scope of the list is given in the introduction of each number. The following is quoted from the June (1903) number. It includes:

"a. Books on educational subjects printed in English and bearing the imprint date of 1902.

b. Important articles on the same subject from the periodicals of 1902.

c. Valuable papers published in the Transactions of societies which have the imprint date of 1902.

d. All chapters of distinct educational interest from any books bearing date 1902 and all notable matter on educational topics published during 1902 wherever found." Some articles not of permanent value are included.

"It does not include:

a. Purely local current literature of separate institutions,provinces,colonies or states.

b. Unimportant matter such as is being constantly published in journals.

c. Text books.

Distinctive features of the compilation are:

a. The careful analysis of all important periodicals.

b. The liberal annotation.

c. The classification by subject matter so the worker in any line may find together the literature of interest to him. The Decimal classification has with a few exceptions been followed."

"A detailed outline of the classification precedes the bibliography and is so full as to serve readily as a subject index. An author index of names is appended."

Reference is made to volume,page and month,the year being understood. Critical and descriptive annotations are given both for books andperiodicals. In the case of books,references are often given where reviews of the book may be found. Each item in the bibliography is numbered and the author index refers to this number. Many of the magazines are indexed both in Poole and in the Readers' guide.

Pedagogical seminary, quarterly. (26)

Bibliography of child study, annual. Apr.1898-date.

This bibliography is compiled by Louis N. Wilson,Librarian of Clark university. The list has appeared lately in the December number and indexes articles for the preceding year.

American,English,French,German,Italian and Bohemian magazines are included,as well as Bulletins of societies,Society publications and analytics of books. The authors' names are arranged alphabetically with exact reference to name and page. Sometimes a short note is added. When an article contains a bibliography that fact is mentioned. Many journals besides educational periodicals are indexed. Wherever articles are found,they are taken. There is a minute subject index referring to the number of the item in the bibliography. Many of the magazine articles are also indexed in Poole and in the

Readers' guide.

"Mr. Wilson's careful work has won a place as a regular and a very useful current summary of the literature of the subject, especially of that in European languages, which is nowhere else so intelligently watched and recorded. The occasional brief notes add to the value of the work." School review, Oct.1902, 10:608.

Revue pédagogique, monthly. (27)

À travers les périodiques étrangers, monthly. 1902-date

The magazines are classified by country, e.g., Belgium, Great Britain, Germany, United States, Switzerland and Russia. The date of the magazine is given. There is no attempt at alphabetical arrangement, either by magazines or by country. The title of the article is given, and the author's name, in the long annotation which follows. Society publications are not included. Generally the same list of periodicals is given from month to month. Many of the magazines in English are indexed in Poole and in the Readers' guide.

School review, monthly except July and Aug. (28)

Recent educational bibliography, annual. Oct.1898-date.

This list appears in the October number of the magazine. The last bibliography was compiled by J.I.Wyer, Librarian of the University of Nebraska. "All notable items of educational bibliography have been included." The bibliographies are classed by subject and include educational bibliographies appearing in periodicals, books, Government publications and Publications of universities. The reference is to volume, page, year and month. The annotations are long and critical. This list is more comprehensive than that of the Annual literary index.

ENGINEERING.

For the subject of engineering there will be no comparison given with Poole, because there is comparatively little duplication, as few of the technical journals are indexed in this work.

American society of civil engineers. Proceedings, monthly. (29)

Monthly list of recent engineering articles of interest, monthly. March 1899-date.

"This list is published for the purpose of placing before the members of the society the titles of current engineering articles." The list is classed under the different divisions of engineering, alphabetically arranged. Under the divisions there is no alphabetical arrangement. The magazines regularly indexed number about seventy, including those published in England, America, France, Germany, Austria, Sweden and Norway. Many Proceedings of societies appearing regularly are indexed. Each magazine is given a number and reference is made to this in the bibliography. Reference is made only to the date of the magazine.

Professor Talbot, Head of the Municipal and sanitary engineering department of the University of Illinois, considers that this indes is more critically compiled and shows better judgment in the selection of the entries than that of the Engineering magazine.

Engineering magazine, monthly. (30)

Engineering index, monthly. 1895-date.

The material is grouped under large divisions of engineering, as Electrical engineering, Railroad engineering, etc. The sub-divisions of these large topics are alphabetically arranged, but the entries

are not alphabeted. Each entry gives the title,author's name,descriptive abstract,length,in words,of the article indicated and date. The price is indicated,by letter at the end of the abstract. This is the price of the single article,not of the magazine.

The number of magazines regularly indexed is about 200 and includes periodicals in English,French,German,Dutch,Italian and Spanish. Transactions of societies,periodical in form,as well as annual and monthly reports,are analyzed in this list. There is no monthly or annual index. The divisions of the bibliography are printed at the beginning of each number. Copies of the bibliography can be obtained printed on only one side of the paper.

Feilden's magazine, monthly. (31)

Engineering abstracts, monthly. 1903-date.

The list is not divided into classes. The entry is under author with no alphabetical arrangement,followed by the name of the magazine,date of month,year and inclusive paging. The list of publications reviewes is given and comprises French,English and American periodicals and Proceedings and Transactions of societies. The annotations are long and descriptive with frequent illustrarions. There is no monthly index.

Institution of civil engineers of London. Proceedings, quarterly. (32)

Abstracts of papers in scientific transactions and periodicals, quarterly. 1874-date.

There is no arrangement,classed or alphabetical,but the index at the end of each number makes the material available. This bibliography enters the reference both under author and under main word in title or by subject. Periodicals published in America,England,

France, Germany and Italy are indexed. Proceedings of societies are included. The title is given first, followed by author, magazine, day of month, year and page. The annotations are long and are signed with the initials of the reviewer.

Engineering, see also (69).

ENGINEERING, ELECTRICAL.

Electrical age, monthly. (33)

Digest; engineering literature of the month, monthly. Dec.1902 (1st number in library)-date.

There is no classed arrangement. The heading of each reference is the title of the article and the author's name may or may not be given in the text. The annotations are long. Reference is made only to the name of the magazine. The periodicals indexed are in the English language and many comparatively unknown magazines are included. Often articles from newspapers are abstracted. Publications of societies are not included. There is no monthly or annual index.

Current engineering and scientific notes; abstracts from the foreign papers, monthly. Dec.1902(1st number in library)-date.

This list is like the preceding one in scope, in the matter of Society publications and annotations. It indexes French, German and English magazines.

Electro-chemical industry, monthly. (34)

Synopsis of articles in other journals;a summary of articles on electro-chemistry and allied subjects appearing in American and foreign periodicals, monthly. Sept.1903(1st number in library)-date.

This list is arranged by large subject,with no alphabeting either of subject or of entries under the subject. Reference is made to the month only of the magazine. The annotations are very long,often illustrated. French,German,English and American magazines are included but no Society publications. The abstracts are very popular in character.

Electro-chemist and metallurgist, monthly. (35)

Abstracts from contemporary journals, monthly. July 1903 (1st number in library)-date.

The list is furnished by Science abstracts; see (63) for description.

Engineering,Electrical, see also (63).

ENGINEERING,MECHANICAL.

American foundrymen's association, monthly. (36)

(The) metallurgical section, monthly. 1904-date.

This list deals particularly with iron and is divided into classes as Malleable iron,Cast iron,etc. Reference is made to year and month of magazine and occasionally to page. English and German magazines are included but no Society publications. There are long ab-

stracts.

Engineering,Mechanical, see also (73).

ETHICS, see (60).

ETHNOLOGY.

Journal of American folk-lore, quarterly. (37)

Bibliographical notes;recent articles of a comparative nature in folk-lore and other periodicals, quarterly. 1888-date.

This list is arranged alphabetically by small subject. It forms part of an article entitled Bibliographic notes. This list appears somewhat irregularly. Magazines in French,German,Italian and English are included as are also Society publications and Government reports. Reference is made to year,volume and page of the magazine. There is a short critical and descriptive note. No monthly or annual index occurs. Some of the magazines are indexed in Poole.

Record of American folk-lore, quarterly. Oct.1893-date.

This bibliography is arranged by country;the sub-arrangement is alphabetical by subject. Books and pamphlets are included. Reference is to year,volume and page of the magazine. There is a long critical and descriptive note. The value of this bibliography lies in the Proceedings of societies and in the Bulletins indexed rather than in the magazine references as many of the latter are indexed in Poole.

FINANCE.

Finanz-archiv, semi-annual. (38)

Bibliographie der finanz-wissenschaftlichen litteratur... annual. 1884-date.

This list is divided by country. The articles are placed under the country about which they treat. Certain journals are given at the beginning of the list as among those indexed. Others are indexed, however,besides these. Wherever articles are found on this subject they are included. Prominent French,German,English and American periodicals are given as well as books,but Society publications are omitted. Reference is to the month only of the periodical in which the article appeared. There are no annotations. The American and English magazines are included,for the most part,in Poole,but the foreign ones,are,of course,omitted.

Finance, see also (24).

FUNGI.

Journal of mycology, quarterly. (39)

Notes from mycological literature, quarterly. Oct.1902-date.

The titles are printed with no arrangement. The reference is given to magazine,year,volume and inclusive paging. Italian,French, German,Austrian,English and American periodicals are included,as well as State experiment station bulletins. No Society publications were found indexed. The annotations vary in length from a few lines to half a page. The index does not include the items in this bibliography. There is little duplication of Poole.

GEOGRAPHY.

Annales de géographie, bi-monthly. (40)

Bibliographie géographique annuelle. annual. 1891-date.

The compiler of this bibliography is Louis Raveneau, aided by 55 collaborators of various nationalities. It is issued on the fifteenth of September of each year and indexes the articles of the preceding year, also a few of the year preceding that. Periodicals in German, English, French and the Romance languages, Dutch, Scandinavian and the Slavic languages are indexed, as well as books and Society publications. The bibliography is divided into two main parts. The first, called Partie général, is classed under such subjects as Géographie mathématique, Géographie naturelle, with sub-divisions. The second part, called Partie régional, is divided by large divisions, as Europe, Asie, Amérique, etc. Under these divisions the different countries are listed in no alphabetical order. In all instances the general works are put first. Exact reference is made to the volume of the magazine, date and inclusive paging. An annotation is usually given, signed by the reviewer. This note gives the the scope of the article, contents, the authority of the article and the qualifications of the author for writing the book or article in question. There are numerous cross references. Each entry is numbered, the volume for 1903 containing 977 entries. At the end of the bibliography there is an alphabetical list of the "voyageurs" analyzed or cited, with reference to the number of the entry.

Geographical journal, monthly. (41)

Geographical literature of the month;additions to the library, monthly. 1893-date.

Edward Heawood,Librarian of the Royal geographical society,is the compiler of this list. The literature of the subject is grouped both under the continent or other large division and under the subject,as Mathematical geography. Under the continent the countries are arranged alphabetically,with the towns alphabetically arranged under country. The reference is given to volume,date and inclusive paging. The title and author follow. A short descriptive note is often appended. Wherever articles on Geography are found they are indexed. The magazines embrace those printed in France,Germany,Italy,England and America. Books,pamphlets and Transactions of societies are included. Several of the English and American magazines are indexed in Poole and in the Readers' guide.

Geography, see also (47),(48).

GEOLOGY.

American geologist, monthly. (42)

Monthly authors' catalogue of American geological literature, monthly. 1898-date.

The authors' names are alphabetically arranged and there is no attempt at classifying the literature. Geological articles wherever found are indexed. Bulletins of universities,Government and State reports and Bulletins,Proceedings of societies,reprints and scientific magazines are indexed. The majority of the publications are American. Joint authors have entry under each name. Exact reference

is given to the volume,month,year and inclusive paging. There are no annotations. The value of the bibliography lies not so much in the magazine articles indexed,for many of these are in Poole but not in the Readers' guide,as in the analytics of the Annual reports and Bulletins not easily obtained elsewhere.

Journal of geology, semi-quarterly. (43)

Recent publications, semi-quarterly. 1900-date.

The bibliography is arranged alphabetically by authors. Periodicals,Bulletins,reprints,books,Government publications and Transactions of societies are included. The publications indexed are,for the most part,American. For magazines,volume,month and year are given. The magazines are indexed in Poole but not in the Readers' guide.

U.S.-Geological survey. Bulletin, irregular. (44)

Bibliography and index of North American geology,paleontology, petrology and mineralogy, annual. 1892-date.

The bibliography is compiled by Fred Boughton Weeks. "It is expected that these bibliographies will continue to be published yearly and that for every ten years they will be brought together." U.S.-Geological survey. Bulletin 188,1901. "The bibliography consists of full titles of separate papers,arranges alphabetically by authors' names,an abbreviated reference to the publication in which the paper is printed and a brief description of the contents,each paper being numbered for index reference." U.S.-Geological survey. Bulletin 221,1903.

An alphabetical list of the publications examined precedes the

bibliography and includes Bulletins,Proceedings and Annual reports of societies,University bulletins,Reports of the State and United States geological surveys and periodicals in English,French,German. Exact reference is made to volume,inclusive paging and year. "The subject headings,their sub-divisions and arrangement are shown in the classified key to the index,which immediately precedes the index. Reference is made to each entry by author's name and number of article in bibliography." U.S.-Geological survey. Bulletin 221, 1903.

Geology, see also (15),(53),(54),(55).

HISTORY.

English historical review, quarterly. (45)

Notices of periodical publications, quarterly. 1886-date.

The literature of the subject is classed under countries,not alphabetically arranged;the sub-arrangement is by titles,not alphabeted. There are more foreign magazines indexed than American,the list including German,French,Italian,Russian,Scandinavian and Spanish periodicals and Transactions of societies. Reference is made to the volume and number of the magazine. There are no annotations. Many of the magazines are not indexed in Poole or in the Readers' guide.

HYGIENE, see (65),(66),(67).

IRON, see (36).

LABOR, see (77).

LAW.

Harvard law review, monthly except July-Oct. (46)

Books and periodicals, monthly except July-Oct. Dec.1901-date.

This bibliography is divided into two parts, the leading legal articles are in the first and the minor ones in the second. In the first part there is no alphabetical arrangement. The entries are made under title. The date only of the magazine is given. The annotations are long. The other part of the list is arranged alphabetically by title. Reference is made to the volume of the magazine and its date. Frequently there is an annotation a line in length. In both of these parts only American and English magazines are included and no Society publications are indexed. There is an annual cumulation for these lists in the last number for the year, arranged alphabetically under title or catch word of title. In other points the annual cumulation is like the second part of the monthly list. There is little duplication with Poole or with the Readers' guide.

LOGIC, see (60).

MAPS.

American geographical society. Bulletin, 5 times a year. (47)

New maps, 5 times a year. 1903-date.

The list is classified by country. The place where the map may be obtained is given, the author, scale and descriptive and critical

notes. Maps appearing in journals are included;the month,or volume and month being given.

Geographical journal, monthly. (48)
New maps, monthly. 1893-date.

The list is prepared by E.A.Reeves,Map curator of the Royal geographical society. The classification is first by continent,then by country,for the most part alphabetically arranged. Sub-divisions under country are given. The information given is in regard to publisher,scale and price;a descriptive and critical note is added. Maps published in or with periodicals are indexed;the year and number of maps in the periodical are given.

MATHEMATICS.

Jahrbuch über die fortschritte der mathematik, 3 numbers a year.
1868-date. (49)

This periodical is entirely devoted to the bibliography of mathematics in the broadest sense. There is a list of the publications examined,alphabetically arranged. The list includes German,Italian, English,American and French periodicals,Proceedings of societies, reprints,Annual reports and Bulletins. In the table of contents the scheme of classification is given with the page of the bibliography where it may be found. At the end there is an author index. The list is classified by large subjects with sub-divisions. The final arrangement is under authors' names not alphabeted. Reference is made to volume and inclusive paging. There are full annotations. The comparatively few American magazines indexed,for the most part, are indexed in Poole but not in the Readers' guide.

MEDICINE.

Index medicus, monthly. 1879-99. 1903-date. (50)

The index medicus is "a monthly classified record of the current medical literature of the world." It is edited by Robert Fletcher and Fielding H. Garrison. "The classification adopted...is based as far as possible upon the latest accepted views in medicine." Index medicus,Jan.1903,1:1. The classification is by large subject with sub-divisions and these are subdivided;the last sub-divisions are arranged alphabetically. The final arrangement is alphabetical by authors' names. The books are placed first,followed by the periodical articles from all over the world. Transactions of societies are included. Surnames are in heavy-faced type. Reference is made to the year,volume and inclusive paging. There are no annotations. Cross references are sometimes used. An annual index will eventually be issued. There is little duplication with Poole or with the Readers' guide.

Schmidt's jahrbücher der in- und ausländischen gesammten medicin, monthly. (51)
Auszüge, monthly. 1899 (1st volume in library)-date.

The bibliography is classed by large subject with the titles of the articles not alphabeted. Reference is made to the volume,date and page. There are long abstracts with the name of the reviewer signed. The bibliography cumulates every three months for the entire time. In the December number there is a cumulation for the entire year. This annual cumulation has a classed arrangement as in the monthly list. The final arrangement is alphabetical by authors'

names under small subject. There is a subject index with an author index following. Magazines in German,English,Italian,French,Bulletins of universities and Proceedings of societies are included. The larger part of the magazines are not indexed in Poole or in the Readers' guide.

MICROSCOPY.

Journal of applied microscopy, monthly. (52)
Current botanical literature,
Cytology,embryology and microscopical methods,
Current zoological literature,
Current physiology,
Current bacteriological literature, monthly. 1899-date.

Each of the above departments has practically the same scope,and all will be described together. German,English,American and French magazines,Transactions of societies and books are included. There is no alphabetical arrangement. The author's name is given first, then the title,name of magazine,volume,page and year and occasionally the inclusive paging. A long annotation follows. There is little duplication with Poole or with the Readers' guide.

Zeitschrift für wissenschaftliche mikroskopie und für mikroskopische technik, quarterly. (53)
Referate, quarterly. Apr.1895-date.

This list is classed by large subject with no alphabetical arrangement. Under the class the entry is by authors' names with no fixed arrangement. The author's name is in heavy type. Reference is made to the number of the magazine,year,volume and often to inclusive paging. Books and magazines in French,German and English are

included but no Transactions of societies are indexed. The annotations vary in length from a few lines to several pages. They are signed with the reviewers' name. There is an annual index of authors and subjects. Poole or the Readers' guide are not duplicated.

Neue literatur, quarterly. Apr.1895-date.

The classification for this list is the same as for the preceding, but in the same number of the periodical the classifications are not identical. The divisions are by large classes which are further subdivided. The final arrangement is alphabetical by author. French,German,English,American and Italian magazines are indexed and Proceedings of societies. Many journals slightly known are included. The entries seem to be those not considered important enough to place in the Referate. Reference is made to the number of the magazine and year. There are no annotations. The annual index does not refer to these items. There is no duplication of Poole or of the Readers' guide.

Microscopy, see also (39),(80).

MINERALOGY.

Mineralogical magazine, 1 or 2 issues a year. (54)

Abstracts, 1 or 2 issues a year. 1885-date.

There is no arrangement of the material indexed. The titles are given first,followed by the author's name,journal,date,year,volume and inclusive paging. German,English and American magazines are included as well as Proceedings of societies and Bulletins. Long abstracts are given. Some of the American magazines are in Poole but not in the Readers' guide.

School of mines, quarterly. (55)

Notes on recent mineralogical literature, quarterly. 1889-date.

The heading for this department is Abstracts. The compilers are Alfred J. Moses and Lea McI. Luquer. The entries are divided by large subject. These are sub-divided;there is no alphabetical arrangement in the large classes,sub-divisions or in the final arrangement of authors' names. German,French,American and English magazines are included as well as Bulletins and Proceedings of societies. The reference varies;sometimes giving year,number of magazine and page while often other data are given. The annotations are long enough to give a good idea of the article in question and are signed with the initials of the reviewer. There is no monthly or annual index. A few of the magazines are included in Poole but not in the Readers' guide.

Mineralogy, see also (15(,(44),(53).

ORNITHOLOGY.

Auk, quarterly. (56)

Recent literature, quarterly. 1884-date.

There is no classed arrangement in this list. Books,separates, Bulletins of different departments of the United States,Proceedings of learned societies and magazine articles on birds,wherever they appear,are indexed. The magazines included are in the English language. Reference is made to volume,number of the magazine,inclusive paging,date of month and year. There are long critical and descriptive annotations,signed with initials. The annual index includes the authors' names but not the subjects of the bibliography. There

is little duplication with Poole or with the Readers'guide.

Bird lore, bi-monthly. (57)

(The) ornithological magazines, bi-monthly. 1903-date.

This list is arranged alphabetically by name of magazine. Scientific American magazines only are included,and only the most important articles are mentioned. No Society Proceedings are included. Reference is made to the month only. There are short annotations. The magazines are not indexed in Poole.

PHILOLOGY.

Archiv für das studium der neueren sprachen und literaturen, quarterly. (58)

Verzeichnis, quarterly. 1900-date.

The entry is under the name of the magazine with no alphabetical arrangement. The leading articles of the philogical magazines are given. Dissertations of American and German universities,monographs published by different universities are included as well as books. No Society publications are indexed. The reference given is the number of the magazine or the minth. There is no abstract or annotation. Many of the magazines are not in Poole.

Classical review, monthly except Jan.,Aug. and Sept. (59)

Summaries of periodicals, monthly except Jan.,Aug. and Sept. 1887-date.

Entries are made under name of periodical. The earlier numbers of the magazines indexed are given first. The same list of periodicals appears to be continuously indexed and articles appearing in other

magazines on this subject are not included. Transactions of societies are not included in the later numbers,but are in the earlier ones. Reference is made to volume,number and year of magazine. The annotations are very brief,sometimes a word only,sometimes a sentence. Poole does not index the magazines included in this bibliography.

PHILOSOPHY.

Philosophical review, bi-monthly. (60)

Summaries of articles, bi-monthly. 1892-date.

The literature indexed is classed under large divisions as Logic and metaphysics,Psychology,Ethics and aesthetics and History of philosophy. Certain psychological and philosophical publications are always indexed but articles appearing in popular magazines or elsewhere are also included. American,German,French,Italian and English magazines are indexed. Society publications are not included. Reference is given to volume,number of magazine and paging. The annotations are descriptive and signed with the name of the reviewer. The annual index is arranged by subject and includes the articles in the summaries. Few of the periodicals are given in Poole.

Mind, quarterly. (61)

Philosophical periodicals, quarterly. 1892-date.

The entry is under the name of the magazine. The same list of magazines is indexed in successive numbers,including those of Germany, France,England,Italy and America. Proceedings of societies are also indexed. Reference is made to the volume and number of the mag-

azine. The annotations are long. The annual index enters the references given, only under the name of the magazine. Many of the periodicals are not given in Poole.

PHYSICS.

Annalen der physik. Beiblätter, monthly. 1877-date. (62)

This publication is entirely a bibliography of physics and related sciences. There are two distinct parts. The first part is classed by rather large subject with no sub-divisions. The authors are not alphabetically arranged under the classes. German, French, English and American scientific magazines are indexed as well as Proceedings of societies. Exact reference is made to volume, page and year. The annotations are long and signed by the reviewer.

The second part is called Literatur übersicht and consists of references arranged under the name of the magazine giving the principal articles of the month. There is no alphabetical arrangement either of magazines or of entries. Proceedings of societies and French, German, English, American and Italian magazines are entered. Reference is made to volume, number of magazine, year, inclusive paging and occasionally month. There are no annotations. The second part of the Literatur übersicht enters reprints, dissertations and Bulletins of colleges, alphabetically under author's name.

At the end of each number there is a key to the classification and an index to authors. There is also an annual author index. Few of the magazines are indexed in Poole.

Science abstracts, monthly. 1898-date. (63)

This bibliography is issued in two parts:

A. Physics,

B. Electrical engineering.

Each number contains abstracts of technical articles appearing in periodicals,arranged under large subjects. Each abstract is numbered. German,Dutch,Italian,American,English and French magazines are searched for material,as well as Proceedings of societies. Reference to the periodical is made by inclusive paging,month and year. There are numerous cross references. The abstracts are quite full,often a page in length. There is a table of contents at the beginning of each number and also a list of proper names including both the writers of the articles and those mentioned in the abstracts.

At the end of the year there are two indexes;

1.A minute subject index,alphabetically arranged,with occasional cross references.

2. An author list with the same scope as the monthly author list. The reference is made to the number of the abstract and not to the page. There is practically no duplication with Poole.

Zeitschrift für instrumentkunde, monthly. (64)

Referate, monthly. 1883-date.

There is no classed or alphabetical arrangement in this list.Articles,wherever they appear,are entered. The list of periodicals indexed include those in English,French and German. Society publications are also entered. Reference is made to volume and year. There are long annotations in German,signed either with the ini-

tials or name of the reviewer. There is an annual index entering the items of the Referate both under author and subject. There is practically no duplication with Poole.

PHYSIOLOGY.

Jahresbericht über die fortschritte der physiologie, annual. 1892-date. (65)

The bibliography is arranged first by large subject with as many sub-divisions as necessary. The table of contents is really a key to the classification. The final arrangement is by authors' names not alphabeted. Reference is made to magazine,volume and inclusive paging. Periodicals published in France,Germany,England,America,Italy and Proceedings of societies are indexed. Each item in the bibliography is numbered and the annotations following the bibliography proper are referred to by this number. The annotations are usually short. There is an author index at the end. There is practically no duplication with Poole.

Jahresbericht über die fortschritte der tier-chemie oder der physiologischen und pathologischen chemie, annual. 1871-date. (66)

The classification of the material indexed is by large subject with no alphabeting. The bibliography includes books,Bulletins, Transactions of societies and periodical articles in French,German, Italian and English. The magazine articles are indicated by a star. There are annotations for the books and for the more important periodical articles,signed by letter or by initials. The items of the bibliography are assigned numbers and reference is made to the annotations by these numbers. Volume and inclusive paging are re-

ferred to, the year being known. There is an author and subject index arranged alphabetically. As the periodicals are largely foreign, they are not indexed in Poole.

Journal de physiologie et de pathologie générale, bi-monthly. (67)
Analyses, bi-monthly. 1899-date.

The classed arrangement by rather small subject is followed in this list. There is no alphabeting either of these small subjects or of the author entries under the subject. A list of the periodicals indexed, classified under the language of the periodical, is given in each issue and each periodical has a number assigned to it. In 1903 the list numbered 118 periodicals including those in German, French, Italian, Russian and English. Reference is made to the number of the magazine, as given in the list of magazines indexed, month, year and inclusive paging. Plates, etc., are mentioned. Books are included but Proceedings of societies are not. There are long signed annotations, even for the periodical articles. There is no monthly index, but at the end of the volume there is both an author and a subject index. Few of the magazines are indexed Poole.

Physiology, see also (11), (50), (52), (71), (72).

POLITICAL SCIENCE.

Municipal affairs, quarterly. (68)
Bibliography of municipal problems and city conditions, quarterly. Mar. 1897-date.

The first index contains a complete bibliography on these subjects up to the date of its issue. In the subsequent numbers it was kept

up,until in March,1901,when a number was issued containing in one alphabet all the bibliographies that had been published up to that time as well as additional material. Since then the bibliography has been brought down to date by the quarterly indexes. The work of compilation has been done by Robert C. Brooks.

The arrangement is by small subjects,alphabetically arranged,but preference is given to place rather than to small subject. The bibliography includes references to books,Reports of societies and boards,Publications of city governments,pamphlets and the periodical literature of France,Great Britain,Germany,Italy,Austria,Spain and of the United States. At the beginning of each number there is a list of periodicals indexed. Exact reference is made to volume and page and in later numbers to month,year and page. There is no annual index to the bibliography. Many of the English and Amarican are not included in Poole or in the Readers' guide.

Municipal engineering, monthly. (69)

Municipal and technical literature, monthly. 1897-date.

This list is divided into parts;the second only coming in the scope of this bibliography. Municipal and state Reports,as its title indicates,is simply a list of the reports of all kinds printed by states or cities. It includes Engineers' reports,Mayors' reports and Reports of Boards of Public works,both of Canada and of the United States. The trade items are given. There is an abstract of the report giving its salient features.

Political science, see also (22),(23),(24).

PSYCHOLOGY.

(L')année psychologique, annual. 1894-date. (70)

This bibliography is divided into two parts:

1. Analyses bibliographiques. The literature is divided by large classes,not alphabetically arranged. American,English,French,German and Italian magazines are included but not Proceedings of societies. Reference is made to volume,inclusive paging and date. The annotations are often several pages in length and are signed with the reviewer's name. The majority of the magazines are not included in Poole.

2. Table bibliographique. This bibliography is evidently a reprint of the Psychological index. The number of entries for the literature of 1902 is the same as are also the author index and the entries themselves. For the description see (71).

Psychological review, bi-monthly. (71)

Psychological index, annual. 1895-date.

This bibliography is compiled by Howard E. Warner and others. The index appears in April and contains references to the literature of the preceding year. The table of contents in each number shows the classification adopted. The entries are grouped under large subject with the necessary sub-divisions. The final arrangement is alphabetical by authors' names. Books,reprints,dissertations,Bulletins,Transactions and Proceedings of societies and periodical articles in English,French,German and Italian are included. Wherever articles are found they are indexed. Each item is given a number for index use. Reference is made to year,volume and inclusive

PSYCHOLOGY.

(L')année psychologique, annual. 1894-date. (70)

This bibliography is divided into two parts:

1. Analyses bibliographiques. The literature is divided by large classes,not alphabetically arranged. American,English,French,German and Italian magazines are included but not Proceedings of societies. Reference is made to volume,inclusive paging and date. The annotations are often several pages in length and are signed with the reviewer's name. The majority of the magazines are not included in Poole.

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Psychological review, bi-monthly. (71)

Psychological index, annual. 1895-date.

This bibliography is compiled by Howard E. Warner and others. The index appears in April and contains references to the literature of the preceding year. The table of contents in each number shows the classification adopted. The entries are grouped under large subject with the necessary sub-divisions. The final arrangement is alphabetical by authors' names. Books,reprints,dissertations,Bulletins,Transactions and Proceedings of societies and periodical articles in English,French,German and Italian are included. Wherever articles are found they are indexed. Each item is given a number for index use. Reference is made to year,volume and inclusive

paging. There are no annotations. At the end of each number there is an author index referring to the number of the item. The popular magazines indexed are included in Poole and in the Readers' guide but the technical ones are omitted.

Zeitschrift für psychologie und physiologie der sinnesorgane, irregular. (72)

Bibliographie, annual. 1892-date.

This bibliography is published in the June number and contains references to the literature of psycho-physiology of the preceding year. It is compiled by Hermann Ebbingham and Arthur König. The literature is divided by large subject with numerous sub-divisions. The key of the classification is given in the table of contents. The final arrangement is alphabetical by author. Proceedings of societies,books and periodical articles in French,German,English and Italian are included. Reference is made to year (occasionally) volume,number of magazine and inclusive paging. There are no annotations. Each entry is numbered and the author index,at the end of each issue,refers to the item by number. There is little duplication with Poole.

Literaturbericht, irregular. 1890-date.

This list indexes magazines in the same languages as the annual list and Proceedings of societies. There is no perceptible difference between the two except that the monthly list has long,signed annotations.

Psychology, see also (60).

RAILROADS.

Archiv für eisenbahnwesen, bi-monthly. (73)

Zeitschriften, bi-monthly. July 1880-date.

This list is alphabetically arranged under title of the magazine. Wherever articles on railroads are found, they are indexed. When only one entry is made under a magazine the month and year only are given, with neither author nor title. When several entries are made the title is given in addition to the other facts. There is no paging given in either case. American, English, German, French, Russian and Austrian periodicals are included, as well as newspapers devoted to the subject of railroads. There are no Proceedings of societies indexed. The annotations are a line or two in length. There is practically no duplication with Poole.

SCIENCE.

Archiv für naturgeschichte, irregular. (74)

Bericht, irregular. 1841 (1st volume in library)-date.

Different sciences are indexed in different numbers. The literature indexed is divided into classes with the necessary sub-divisions. The final arrangement is alphabetical by author. At the beginning of each large class there is a key to the classification. Books, Bulletins of agricultural departments, Proceedings of societies and French, English, American, German and Italian periodicals are included. There are no annotations. No index is provided. The periodicals included are not found in the list indexed in Poole.

Jahresbericht über die fortschritte in der lehre von den pathogen mikro-organismen, 2 numbers a year. 1885-date. (75)

The bibliography is arranged by large classes with minute sub-divisions. The final arrangement is by author. At the beginning of each sub-division there is a list arranged alphabetically by author of the items for that small section of the subject. Author and title are given and reference is made to month and page of the magazine. Each item has a number which refers to the signed annotation following. By this means the annotations are kept separate from the bibliography proper. Proceedings of societies and periodicals in English, Russian, Italian and French are included. There is an author and subject index. Few of the magazines are indexed in Poole.

STATISTICS.

Royal statistical society. Journal, quarterly. (76)

Statistical and economical articles in recent periodicals, quarterly. 1892-date.

The first arrangement is by country, the sub-arrangement alphabetical under periodicals. Proceedings and Publications of learned societies and technical magazines of Great Britain, Austria, Germany, Italy, Switzerland and the United States are included. Reference is made to month and year of the magazine. There are no annotations. The American magazines are, for the most part, indexed in Poole and a few are included in the Readers' guide.

U.S.-Labor, Bureau of. Bulletin, bi-monthly. (77)

Recent foreign statistical publications, bi-monthly. 1896-date.

The material is arranged under countries alphabetically arranged. The list contains the most prominent European countries. Only the publications of the government relating to statistics are included. There are long descriptive annotations.

Recent reports of state bureaus of labor statistics, bi-monthly. 1895-date.

The states are arranged alphabetically. The annotations are long, covering the principal points taken up in the report. Occasionally short tables of figures are given.

Statistics, see also (24).

THEOLOGY.

Biblical world, monthly. (78)

Current literature, monthly. 1898 (1st number in library)-date.

The bibliography is divided by large subject with no sub-arrangement. Reference is made to month or number of magazine. Books and magazine articles in French, German and English are included. There are no Proceedings of societies indexed. Occasionally there are long descriptive annotations. Few of the magazines are included in Poole or in the Readers' guide.

USEFUL ARTS.

Repertorium der technischen journal-litteratur, annual. 1823-date. (79)

At the beginning of this bibliography there is an alphabetical list of the 323 journals indexed. Following this there is a subject arrangement of the magazines, in three languages, French, German and English. The main headings used in the bibliography following, are arranged alphabetically in lists in the same three languages, forming a key to the classification. The arrangement is by large subject with numerous sub-divisions, but with no sub-arrangement by author. Reference is made to volume and inclusive paging. There are no annotations. Proceedings and Transactions of societies are indexed as well as periodicals of Germany, France, Austria, United States, Great Britain and Italy. At the end there is a minute subject index with the words of the three languages, German, English and French, in one alphabet, with figures attached which refer to the column numbers of the bibliography. There is little duplication with Poole.

ZOOLOGY.

Royal microscopical society. Journal, bi-monthly. (80)

Summary of current researches relating to zoology and botany... microscopy, etc., bi-monthly. 1868-date.

The bibliography is divided into large classes with numerous subdivisions. There is no sub-arrangement. Proceedings of societies, Bulletins of the government and magazines in German, French, English and Italian are included. The magazine references are grouped at the bottom of the page. Reference is made usually to volume, year

and inclusive paging. The annotations are long. There is an annual index which enters each item both under subject and under author. The list of magazines indexed in Poole includes few indexed in this list.

Zoological record, annual. 1864-date. (81)

"The object of the zoological record is to give by means of an annual volume complete lists of the works and publications relating to zoology in all its branches together with full information as to the points they deal with." At present each volume consists of twenty separately paged divisions. It is possible to obtain separately any one desired. The divisions are very large, e.g., Mammalia, Aves, Pisces, etc. Different persons are responsible for different subjects. At the beginning of each volume there is a list of the magazines indexed and the name of the library in England in which they may be found. This list alone covers over fifty pages of text and includes American, Italian, French and German magazines, Agricultural bulletins of many countries, Proceedings and Reports of numerous foreign and domestic societies. The final arrangement is alphabetical by authors. Reference is made to volume and inclusive paging. There is no author or subject index. Few of the magazines included are indexed in Poole or in the Readers' guide.

Zoologischer jahresbericht, annual. 1877-date. (82)

The entries are divided by large subject with numerous sub-divisions. There is a table of contents in each number which is a key to the classification. Under each sub-division, an alphabetical author list of all entries is placed first, followed by annotations for the more important articles. Proceedings of societies, Bulletins

of commissions and magazines of Germany, Italy, France, United States and Great Britain are included. Reference is made to volume and inclusive paging. There is an author index at the end. This bibliography is not so comprehensive as the Zoological record and necessarily they both index many of the same articles. There is little duplication with Poole.

Zoology, see also (52).

SUPPLEMENTARY LIST
OF BIBLIOGRAPHIES IN MAGAZINES APPEARING MORE FREQUENTLY THAN ONCE A MONTH.

Anatomischer anzeiger.

Berichte der deutschen chemischen gesellschaft.

Bibliographica anzeiger.

Botanisches centralblatt.

Centralblatt für bakteriologie.

Centralblatt für mineralogie,geologie und palaeontologie.

Centralblatt für physiologie.

Chemisches centralblatt.

(L')eclairage électrique.

Electrical world and engineer.

Elektrotechnische zeitschrift.

Naturae novitates.

Société chimique de Paris. Bulletin.

Society of chemical industry. Journal.

Zeitschrift des vereines deutscher ingenieure.

Zeitschrift für anorganische chemie.

Zeitschrift für physikalische chemie.

Zoologischer anzeiger.

Zoologisches zentralblatt.

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